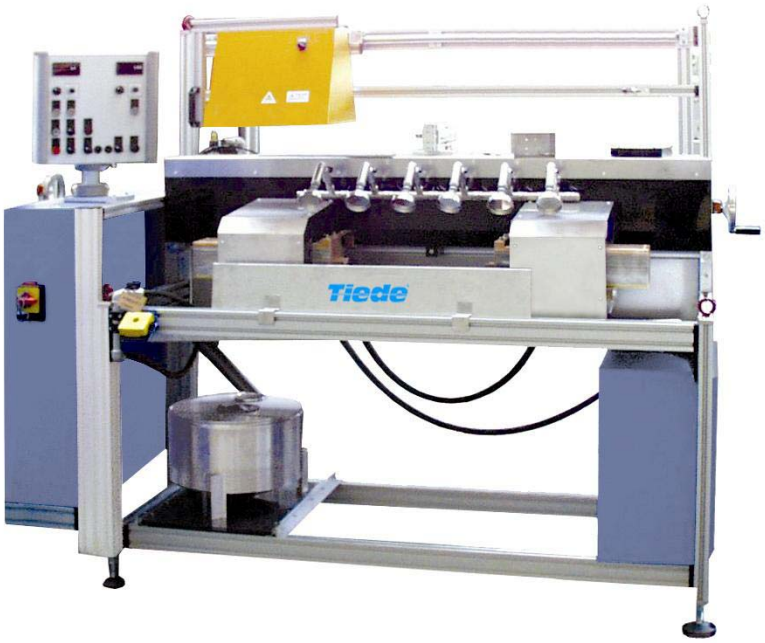
Universal 900 WE II

ITW Tiede GmbH • Bahnhofstr. 94-98 • D- 73457 Essingen
Phone +49 73 65 81 - 0 • Fax +49 73 65 81 - 449 • www.tiede.de

Crack Detection Units

We have put into this test bench our experience and know-how of decades!

We have utilized the experience of the applicants and realized your requests!



Our test bench offers everything:

- Central adjustment of the headstocks by a manual adjusting unit
- Modern design
- Modular construction
- Swivel operating panel
- Swivel test liquid tank
- Energy-saving ring-core transformer
- High automation degree
- Integration of low-voltage coils and interleaved headstocks

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Profit from our know-how.

Specification subject to change without notice.

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Technical Data
in compliance with VDE (German accident prevention standards)
and DIN EN ISO 9934-1, 9934-3

Ref. No. 032 390

Clamping length for		
safety short stroke 7mm		905 mm
standard stroke 25 mm		923 mm
Max. clampable workpiece diameter		450 mm
Workpiece weight max.		150 kgs
Current flow method		
Current		A. C.
Frequency		50 Hz
Nominal current I_N	effectiv	2 000 Amps
	peak	2 800 Amps
Short-circuit current I_k	effectiv	2 920 Amps
Open-circuit voltage U_L	peak	2,6 V
Inspection current regelation		stepless
Measuring instrument		kA — digital
Yoke magnetization (low voltage)		
Current		A. C:
Frequency		50 Hz
Field fluxing		15 000 AT
Intensity regulation		stepless
Measuring instrument		kAT - digital
Operating Data		
Mains supply		3 x 400 V A. C.
Frequency		50 Hz
Power consumption		55 kVA
Control voltage		230 V
Relative duty cycle		40 % ED
		(60 % ED on request)
absolute duty cycle		6 seconds
Operating Data, pneumatic		
Air pressure connection		5 bars
Clamping force		940 N
Dimensions		
Length		2 450 mm
Width		1 135 mm
Height		1 950 mm
Weight		approx. 780 kgs